

Title (en)
COMBINED SCATTER AND TRANSMISSION MULTI-VIEW IMAGING SYSTEM

Title (de)
KOMBINIERTES STREU- UND ÜBERTRAGUNGSSYSTEM MIT MEHRFACHANSICHT

Title (fr)
SYSTÈME COMBINÉ D'IMAGERIE MULTIVUE DE DIFFUSION ET DE TRANSMISSION

Publication
EP 2810296 A4 20151230 (EN)

Application
EP 13743168 A 20130131

Priority
• US 201261594625 P 20120203
• US 2013024191 W 20130131

Abstract (en)
[origin: WO2013116549A1] The present specification discloses a multi-view X-ray inspection system having, in one of several embodiments, a three-view configuration with three X-ray sources. Each X-ray source rotates and is configured to emit a rotating X-ray pencil beam and at least two detector arrays, where each detector array has multiple non-pixelated detectors such that at least a portion of the non-pixelated detectors are oriented toward both the two X-ray sources.

IPC 8 full level
H01J 35/10 (2006.01); **G01V 5/00** (2006.01); **H05G 1/70** (2006.01)

CPC (source: EP GB KR US)
G01N 23/04 (2013.01 - EP KR US); **G01N 23/2008** (2013.01 - US); **G01N 23/20083** (2013.01 - KR US); **G01N 23/203** (2013.01 - GB KR); **G01V 5/20** (2024.01 - GB US); **G01V 5/22** (2024.01 - EP); **G01V 5/222** (2024.01 - EP KR US); **G01V 5/223** (2024.01 - US); **G01V 5/232** (2024.01 - KR US); **G01V 5/26** (2024.01 - EP); **G21K 1/043** (2013.01 - US); **H05G 1/70** (2013.01 - KR); **G01N 2201/10** (2013.01 - US); **G01N 2201/1047** (2013.01 - US); **G01N 2223/03** (2013.01 - KR); **G01N 2223/05** (2013.01 - KR); **G01N 2223/1016** (2013.01 - KR); **H05G 1/70** (2013.01 - US)

Citation (search report)
• [XAYI] WO 2004097889 A2 20041111 - CXR LTD [GB], et al
• [XI] US 4203036 A 19800513 - TSCHUNT EDGAR [DE]
• [Y] US 2009175412 A1 20090709 - GRODZINS LEE [US], et al
• [A] WO 2009067394 A2 20090528 - AMERICAN SCIENCE & ENG INC [US], et al
• See also references of WO 2013116549A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2013116549 A1 20130808; AU 2013215064 A1 20140828; AU 2013215064 B2 20151022; BR 112014019198 A2 20210908; BR 112014019198 A8 20170711; CA 2863659 A1 20130808; CA 2863659 C 20180619; CN 104170051 A 20141126; CN 104170051 B 20170531; EP 2810296 A1 20141210; EP 2810296 A4 20151230; EP 3242315 A1 20171108; EP 3242315 B1 20230809; EP 3358597 A1 20180808; GB 201413876 D0 20140917; GB 2513073 A 20141015; GB 2513073 B 20180321; HK 1245995 A1 20180831; IN 6514DEN2014 A 20150612; JP 2015513072 A 20150430; JP 6170070 B2 20170726; KR 101997948 B1 20190708; KR 102065318 B1 20200110; KR 20140126318 A 20141030; KR 20190082995 A 20190710; MX 2014009412 A 20150213; MX 340345 B 20160705; PL 3242315 T3 20240219; US 10746674 B2 20200818; US 11371948 B2 20220628; US 2014044233 A1 20140213; US 2016025890 A1 20160128; US 2018313770 A1 20181101; US 2020355632 A1 20201112; US 2022334069 A1 20221020; US 9057679 B2 20150616; US 9823201 B2 20171121

DOCDB simple family (application)
US 2013024191 W 20130131; AU 2013215064 A 20130131; BR 112014019198 A 20130131; CA 2863659 A 20130131; CN 201380014384 A 20130131; EP 13743168 A 20130131; EP 17175557 A 20130131; EP 18161030 A 20130131; GB 201413876 A 20130131; HK 18105076 A 20180419; IN 6514DEN2014 A 20140802; JP 2014555714 A 20130131; KR 20147021843 A 20130131; KR 20197019150 A 20130131; MX 2014009412 A 20130131; PL 17175557 T 20130131; US 201313756211 A 20130131; US 201514707141 A 20150508; US 201715787823 A 20171019; US 202016928651 A 20200714; US 202217664963 A 20220525